



PATENT ABSTRACTS OF JAPAN

(11) Publication number: **2002156718 A**

(43) Date of publication of application: 31.05.02 W

(51) Int. Cl. G03C 1/00
G03B 27/80
G06T 5/00
H04N 1/407

(21) Application number: 2001242313

(22) Date of filing: 09.08.01

(30) Priority: 09.08.00 US 2000 635600

(71) Applicant: EASTMAN KODAK CO

(72) Inventor: KEECH JOHN T
SPENCE JOHN P
SHAHER MARK E
BIGELOW DONALD O

(54) PHOTOGRAPHIC ELEMENT FOR CALIBRATING
DIGITAL IMAGE

calibration corrections to the digital image of the scene.

COPYRIGHT: (C)2002,JPO

(57) Abstract:

PROBLEM TO BE SOLVED: To perform high quality calibration in a photographic element at photographic finishing, such as development.

SOLUTION: This calibration method is composed of a step of exposing the photographic element to form the latent image of a reference calibration target including a plurality of reference calibration patches, a step of exposing the photographic element to form a latent image of a scene, a step of processing the photographic element to form developed images from the latent images on the photographic element, a step of scanning the developed images to produce digital images, a step of measuring the pixel values of the digital image of the reference calibration target to produce a measured value for each of the reference calibration patches, a step of obtaining an target value and adjustment data corresponding to each reference calibration patch, a step of generating image calibration corrections using the measured values, the target values and the adjustment data and a step of applying the image

